

TECHNICAL DATA SHEET

JF POLYCARBOXYLATE SUPERPLASTICIZER POWDER

1. PRODUCT NAME:

JF POLYCARBOXYLATE SUPERPLASTICIZER POWDER 04 is powdered polycarboxylate superplasticizer with high performance of water-reducing and slump retention, which is independent R&D by JuFu.

2. TYPICAL PROPERTIES:

ITEMS	SPECIFICATIONS
Appearance	White or yellowish powder
Solid content	98±0.5%
pH (23°C)	9.0±1.0
Na ₂ SO ₄ (%)	≤3.0
Water content(%)	≤5.0
Loss on ignition(%)	≥86
Chloridion content(%)	≤0.6
Bulk Density(kg/m ³)	≥450
Water reducing rate(%)	≥25

3. USING METHOD:

0.2 ~ 0.3% of the aggregate material, it is instead of liquid polycarboxylate superplasticizer after dissolving, the dosage after dissolving reference to the actual solid content of dissolving liquid.

4. MAIN PERFORMANCES

(1)High water reducing rate: It could achieve 25% above, under the conditions of mixing the concrete with the same ratio of the water, the product could improve fluidity greatly.

(2)High slump retention performance: Normally carboxylic groups is damaged of ordinary polycarboxylate superplasticizer by the high temperature during by spray process,this product takes the special process so protect the carboxylic groups and achieve the excellent slump retention ability.

(3)Excellent solubility and fast solvability: Due to uniform particles, the specific area is larger, so the product is dissolved quickly in the water then no impurity after dissolving.

5. APPLICATIONS:

(1)The application is same with the the ranges of liquid polycarboxylate superplasticizer, like ready-mix and on-site concrete for civil building and steel fiber concrete.

(2)It is still applied in specific concrete has the requirements like high strength high performance,high durability, superfluidity self-leveling & self-compacting.

(3)It also meet the requirement of building the plant in the remote area, because of the usage is simple- just need mixing the equipment simply.

6. SAFETY AND HANDLING PRECAUTIONS:

Polycarboxylate superplasticizer, if direct and prolonged contact with eyes and skin may cause irritation. Wash the affected area of body with plenty of tap water immediately. If irritations persist for long time, please contact with doctor.

7. PACKING AND STORAGE:

(1)Packed in 25 Kg plastic woven bag.

(2)Customized package is available.

(3)Stored in a dry environment with normal temperature(below 40°C),avoid to stack up or heavy load and sunshine, also keep fire away.

(4)The shelf-life is one year in the original package,please use it as soon as possible in 180 days after opening.

(5)Transportation: Under the condition of general chemical transportation, keep away from moisture.

(6)If there is agglomeration in the product,it won' t affect the usage,just smash it and before usage.